

U. S. Department of Agriculture  
Agricultural Marketing Service  
and  
U. S. Department of Commerce  
Weather Bureau

Nebr. Dept. of Agr. & Inspection  
Division of Agr'l. Statistics  
and  
Agricultural Extension Service  
of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 8-14-56

Week Ending 8-11-56

WEATHER Temperatures averaged near normal, with no hot days or unusually cool nights. Most of the State received moderate to locally heavy showers. They fell early in the week over the eastern third of the State, and during the middle and latter portions of the week in the central and west. Humidity was rather high, and there was little wind. There was about the normal duration of sunshine.

July was a little cooler than normal. The month was very dry over a broad belt extending from the north-central portion of the State southeastward to York and Butler Counties. Much of the south-central also received considerably less than normal rainfall. Rainfall was considerably heavier than normal over the western third of the State, along the Missouri River, and at a few scattered localities in the south-central portion of the State.

CROPS Rains last week brought some improvement in a few counties where local areas of corn had not been damaged too badly. Since most of the counties showed further deterioration, the average State condition is lower. The Panhandle has the highest yield prospects for both irrigated and dry-land corn. Some southwestern counties have fairly good prospects. The outlook is very poor in central Nebraska except for irrigated corn. The eastern third of the state has local areas that have some fairly good corn and a few counties have fair prospects while corn in some of the other eastern counties is a near failure.

The official August 1 report indicated a production of 105 million bushels, slightly under last year's revised estimate of 107 million bushels. It looks as if 54 million bushels, or slightly over half of the crop, will be produced on irrigated land. A large percent of the corn went into the Soil Bank. While July rainfall was nearly normal, the crop could not survive due to the lack of subsoil moisture. Hot winds July 26, 27 and 28 burned the crop badly.

Winter wheat crop dropped to 60 million bushels or about 5 million bushels under the July 1 estimate. Soil moisture conditions are quite favorable in the Panhandle for seeding winter wheat. A large percent of the oat crop was too poor to harvest for grain and the August estimate of 18 million bushels is the smallest since 1934. The barley estimate of 2.9 million bushels is only 76% of last year's crop.

*1300 - 8/14/56*  
The sorghum grain crop is 12.8 million bushels. While yields are slightly above last year, they are 31% below the 10-year average. Some of the crop was damaged beyond recovery. Last week's rains may have brought some improvement and considerable of the crop could recover with additional rain.

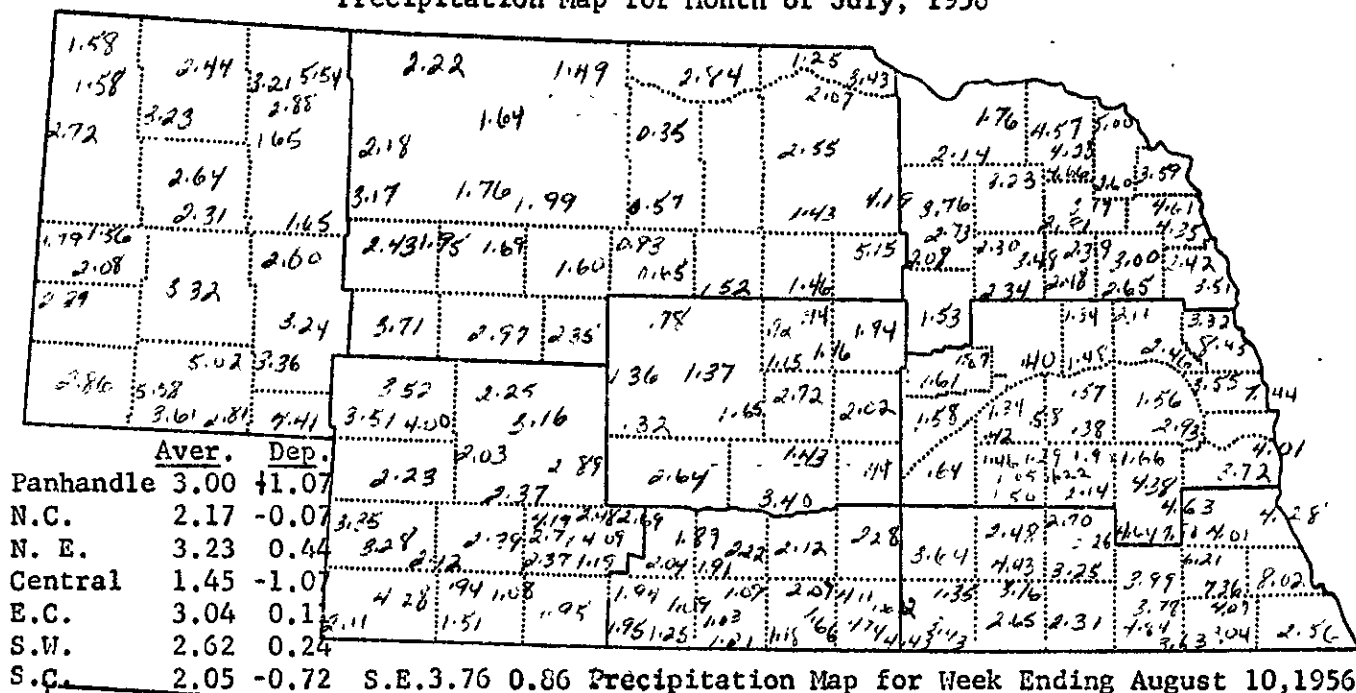
The dry edible bean crop in western Nebraska is 8% below last year but above the average. The late summer potato crop is considerably below the last year crop and the fall potato crop is slightly below last year's crop. The sugar beet crop is 24% above last year's crop.

The estimate of all hay crop at 5 million tons is 7% below last year's crop and 21% below the 1954 crop. The yield of all hay is the lowest since 1940. The condition of pastures is 50% as compared with 64% last year and the 10-year August 1 average of 83%. Pasture is fair to good in the northwestern part of the state but many of the eastern and southern counties have little or no pasture feed.

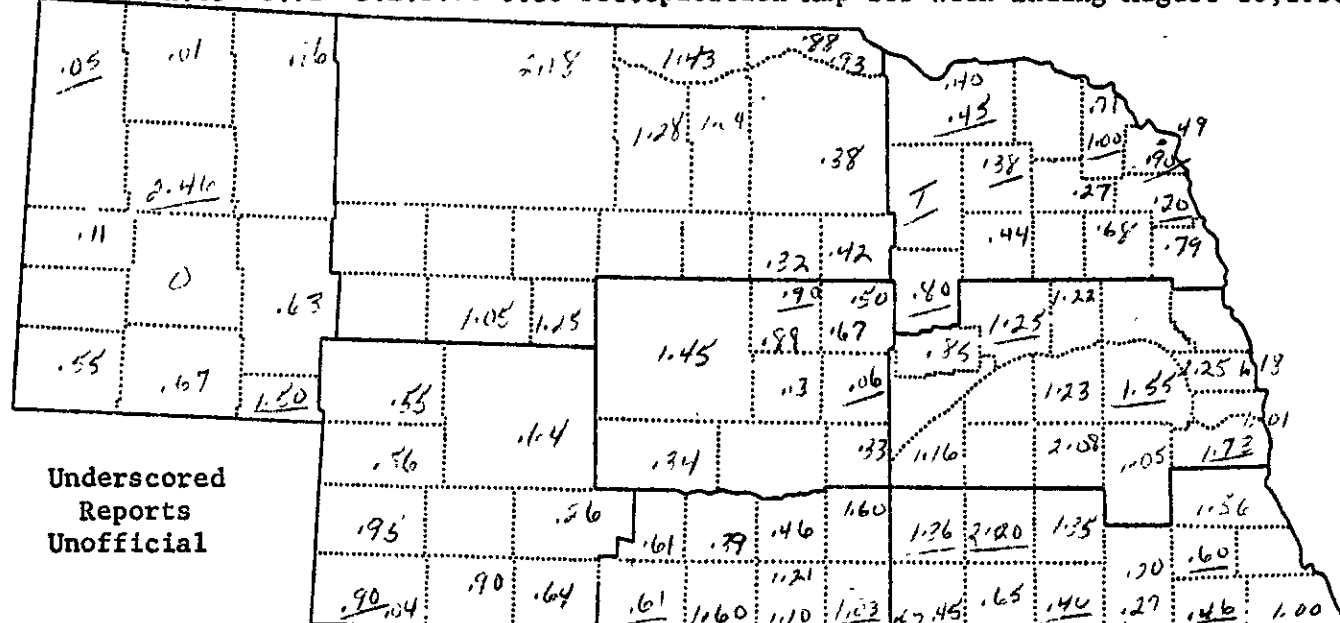
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Precipitation Map for Month of July, 1956



Precipitation Map for Week Ending August 10, 1956



HIGHEST AND LOWEST TEMPERATURES (Highs for 24 hours ending at 12:30 a.m. and lows for 12 hours ending at 6:30 a.m. CST)

		August		7th		8th		9th		10th		11th		12th		13th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	92	58	89	58	85	57	91	57	83	53	88	60	83	55		
	Scottsbluff	88	60	86	58	84	56	86	56	80	54	87	61	88	55		
	Sidney	92	58	91	55	82	56	87	55	76	56	82	64	88	56		
NC	Burwell	86	63	88	62	88	57	90	57	84	56	86	--	--	--		
	Valentine	89	60	87	57	84	57	84	60	82	54	81	65	82	61		
NE	Norfolk	90	66	85	67	85	60	90	60	85	61	85	66	87	61		
	Sioux City	84	66	88	66	88	64	91	62	87	64	88	67	85	63		
CEN	Grand Island	89	67	85	65	85	60	88	62	81	62	85	65	85	63		
EC	Lincoln	91	67	90	64	88	66	89	67	85	66	86	69	92	70		
	Omaha	87	65	83	65	83	64	83	63	85	65	86	66	86	67		
SW	Imperial	92	62	93	55	86	54	90	59	79	58	82	62	90	61		
	North Platte	87	63	89	63	84	55	86	59	84	60	85	66	90	59		

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING AUGUST 13, 1956

Eastern Division	
Grand Island	.26
Lincoln	1.15
Norfolk	.22
Omaha	1.18
Sioux City	.30

Central Division	
Burwell	.25
North Platte	.48
Valentine	1.74

Western Division	
Chadron	.02
Imperial	.94
Scottsbluff	.10
Sidney	1.16

Precipitation, April 1 - August 10, 1956

	Eastern Div.	Central Div.	Western Div.
Total for week	0.92	0.88	0.52
Total since April 1	12.53	10.63	11.17
Long-Time Average since April 1	15.77	13.69	11.05